

CLAIMS

1. A radio receiving apparatus comprising:

a despreader that performs first despread-  
 ing processing respectively with despread-  
 ing codes  
 5 corresponding to a plurality of communication partners  
 for an identical received signal held temporarily, and  
 performs second despread-  
 ing processing with a  
 despread-  
 ing code corresponding to a single communication  
 partner for a continuously received signal;

10 a switch that switches between the first  
 despread-  
 ing processing and the second despread-  
 ing processing according to a communication state; and

an assigner that performs finger assignment  
 according to a delay profile created using signals after  
 15 despread-  
 ing processing.

2. (deleted)

3. (deleted)

4. (deleted)

5. (deleted)

25 6. (deleted)

7. A communication terminal apparatus provided with a  
 radio receiving apparatus, said radio receiving

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apparatus comprising:

5 a despreader that performs first despreading processing respectively with despreading codes corresponding to a plurality of communication partners for an identical received signal held temporarily, and performs second despreading processing with a despreading code corresponding to a single communication partner for a continuously received signal;

10 a switch that switches between the first despreading processing and the second despreading processing according to a communication state; and

an assigner that performs finger assignment according to a delay profile created using signals after despreading processing.

15 8. (deleted)

9. A base station apparatus provided with a radio receiving apparatus, said radio receiving apparatus  
20 comprising:

a despreader that performs first despreading processing respectively with despreading codes corresponding to a plurality of communication partners for an identical received signal held temporarily, and  
25 performs second despreading processing with a despreading code corresponding to a single communication partner for a continuously received signal;

a switch that switches between the first

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despreading processing and the second despreading processing according to a communication state; and

an assigner that performs finger assignment according to a delay profile created using signals after  
5 despreading processing.

10. (deleted)

11. A radio receiving method comprising:

10 a despreading step of performing first despreading processing respectively with despreading codes corresponding to a plurality of communication partners for an identical received signal held temporarily, and performs second despreading processing with a  
15 despreading code corresponding to a single communication partner for a continuously received signal;

a switching step of switching between the first despreading processing and the second despreading processing according to a communication state; and

20 an assigning step of performing finger assignment according to a delay profile created using signals after despreading processing.

12. (deleted)